

**Weekly Bureau of Information for All Who Till the Soil or Are Interested in Making Homes**

## AGRICULTURAL DEPARTMENT

All inquiries and communications addressed to The Times-Dispatch will receive prompt attention. This department will appear each Monday, and contributions or suggestions will be welcomed.

**Facts for Farmers, Stock Breeders, Poultry Raisers, Orchardists, Truckers and Gardeners—Queries and Answers**

### CONTROL PEACH DISEASES: IT CAN BE EASILY DONE

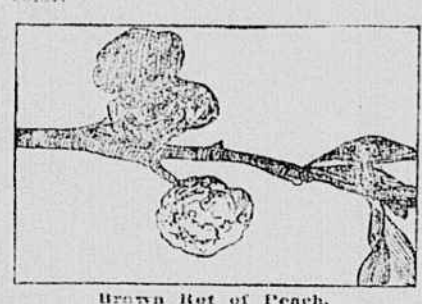
Proper Spraying and Constant Care Will Turn the Trick, and It Requires Little Effort.

The peach is grown over a wide range of country, but its really successful commercial culture is limited to a comparatively few localities. The main difficulty in growing the peach lies in the early swelling and blossoming habit of the flower buds. A week or so of mild weather in winter or early spring may start the buds into growth, only to be killed by a subsequent frost. The danger is even greater in the South than in the North, since the winters are so much warmer and the buds start into growth earlier.

One of the main problems in peach culture is to select a location for the orchard where the buds are least likely to start into growth and bloom before settled weather comes in the spring. The rule is to avoid low lands for peaches; late frosts are severest there. Orchards planted on sunny southern slopes come into bloom early. Avoid such locations when possible. A high situation, where the cool air will flow off down to lower levels, and a northern or western aspect is generally the best for a peach orchard.

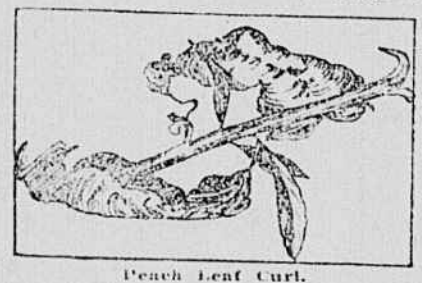
There are several diseases of peach trees which also cause destruction if not promptly controlled, but as proper spraying will accomplish this, there is really no reason why a peach orchard should show a loss on account of diseases.

The brown rot is a most destructive disease of the peach. It thrives best in warm, moist weather, and under favorable conditions may affect the flowers. The disease may also affect the twigs and is often referred to as "mummy blight." These should always be removed. Bordeaux or self-bled lime sulphur combined with arsenate of lead. Two weeks later spray with Bordeaux and arsenate of lead. Apply Bordeaux every ten days or two weeks until fruit begins to color.



Crown gall forms knobby galls on the lower part of the trunk and roots of peach trees and is very easy to detect. Trees affected with this disease should never be planted. If such are sent you from the nursery, refuse to accept them.

This is a disease which is very widespread, being found practically everywhere the peach is grown. Loss from this disease has been estimated



Peach Leaf Curl.

to be more than \$3,000,000 in a single year. It appears as soon as the buds begin to open and shows a characteristic curling of the leaves and deeper green color. The twigs are also affected and become swollen and have a lighter color. The fungus lives from year to year in the buds and the infection in the spring is probably from them. Spraying for the brown rot will keep this in check. Soft-bodied lime-sulphur wash is said to be especially valuable for this disease. Trees sprayed for scale need very little additional treatment for the leaf curl.

Rosette is a contagious disease for which no positive remedy has yet been found. The cause of the disease is unknown and the best remedy is to dig up and destroy the tree. The disease appears as compact tufts or rosettes. The leaf buds do not elongate but grow in compact tufts two or three inches in length. Trees becoming affected in the spring die the following fall or winter.

The yellow-green like the rosette, is a serious disease of the peach. It appears as a yellow discoloration on the leaves and causes premature ripening of the fruit and death of the tree. To control this disease, spray with lime-sulphur if San Jose scale is present. If lime-sulphur is not used, spray with copper sulphate solution before buds open. Spray with weak Bordeaux and an arsenical when fruit has grown. Repeat the latter ten to fourteen days later. Again repeat about one month before fruit ripens. Ordinarily where San Jose scale is present three or four sprayings will be sufficient.

### BRIEF NOTES THOUGHT OUT BY THE WAYSIDE

Bugs from sick or diseased fowls should never be used for hatching purposes.

If the dinner bell is still the sweetest made in your ears, you have small need for worrying about your stomach.

Too many farmers have the idea that the sheep is a sort of a wanderer on the face of the world, capable of eating for itself. Far from it.

Healthy poultry, like healthy people, are not fussy about their eating, but eat with a relish all kinds of ordinary food.

Did you know that a hen, to keep healthy, requires about seven times as much fresh air to its size as a horse? Hence do not sweat an animal out, and consequently must throw out much of the waste matter through the lungs.

No branch of farming deserves more fostering than dairying because of its adaptability to conserving soil fertility upon which depends all other branches of agriculture.

The comparative money value of a few common feedstuffs as given in a



TEN TONS OF HAY CUT FROM THREE ACRES AT EUCLID HEIGHTS, WEST POINT.

### CAUSES OF HOG CHOLERA: IT MAY BE ERADICATED

Hog cholera is caused by a germ that exists in the blood. It is an organism apparently so small that the most powerful microscopes do not show it. However, it is easy to demonstrate its presence by inoculating a small part of the blood from a sick hog into a well one, which produces the hog cholera.

Hog cholera is a disease which seems to be stopped to a degree by the frosts of winter, although frost cannot be said to stop a case after it has taken hold of its victim. However, it seems to prevent the rapid spread of the disease. The result is that in spring time the infection is as a rule at the lowest ebb, but increases rapidly from that time until fall.

Hog cholera does not seem to affect any particular breed of hogs more than another, and while generally the careless farmer is more apt to have the disease among his hogs than the careful one, the disease sometimes occurs where the conditions are sanitary. It is hoped that the work of exterminating cholera may be extended gradually until the disease is completely controlled or eliminated. The fact that hog cholera is carried not only by the hogs themselves, but by birds, dogs, streams, and even on the feet of men going from one farm to another shows how necessary it is that the campaign now being carried on in Virginia and other parts of the country be thorough and that farmers exert their best efforts to assist in the work.

**The Insect Tax.** After much computing, the experts of the Department of Agriculture at Washington have set the value of the agricultural products destroyed each year in the United States by insect pests at \$300,000,000. That vast sum may be called the insect tax paid by the farmers. It is much larger than the tax paid each year for the education of American children, and much larger than the amount at which the buildings and endowments of the 600 colleges in this country are valued. It is twice as large as the amount lost in the San Francisco fire, and three or four times as large as the combined bonded and floating debts of all the States of the Union.

### GENERAL INFORMATION THROUGH QUESTION BOX

**The Peach Tree Borer.** R. C. H. "Can you give a simple remedy for the destruction of the peach tree borer?" Coal tar is an excellent remedy. Warm it until it is thin enough to spread on a brush, and then cover the roots of the tree. It keeps the adult insect and prevents it from depositing its eggs.

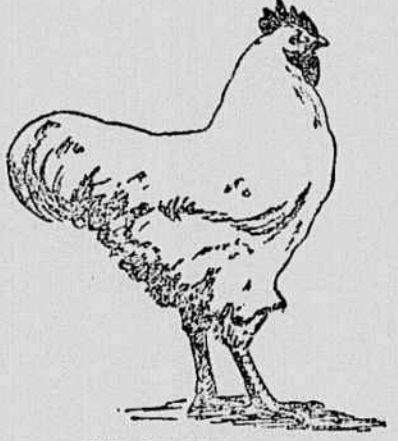
**Standard Whitewash.** Subscriber "Some months ago The Times-Dispatch printed a recipe for making whitewash. I thought I had saved it, but cannot find it. Would it be too much to ask that the same be put in your column again some time soon?"

The famous pentimenti whitewash is standard in Virginia. Take a barrel of lime and slake in warm water to which add each year for the amount of salt. Let this paste stand covered for three or four days. When you want to use it take the paste out and thin it with cold water. The thinner you make it, the better, but when it is very thin you will have to

use more coats. Professor Massey's recipe, to which you doubtless allude, is more complicated, as follows: slake half a bushel of lump lime with hot water, keeping the cask covered to keep in the steam. Strain through a fine sieve or strainer, add a peck of salt dissolved in warm water; three pounds of rice flour boiled to a thin paste and stirred in boiling hot; half a pound of Spanish whiting mixed in hot water, and one pound of glue dissolved in boiling water. Let stand twenty-four hours, and then keep warm while applying it. It can be nicely applied with a spraying pump, if properly thinned with water.

**Late Irish Potatoes.** Nelson County: "I have one-fourth of an acre of gray soil on James River, which was plowed last fall. I want to plant this in late Irish potatoes. When is the best time to plant them? Late Irish potatoes planted now would mature too early to keep well. In Nelson I would think about the 15th to 15th of June would be the best time to plant. The late crop should be planted in deep furrows and covered lightly at first and the soil worked to them as they grow till level and then cultivate them level to conserve the moisture, and do not till as you do early potatoes, for at that season it is the moisture we need to keep in the soil.

**Late Cabbages.** "I want to plant some late Flat Dutch cabbages to head in November, and would like to know if they will head at that time, and if so, when they should be set out." Sow the cabbage



THE PROLIFIC KIND.

seed in late July in a rich bed where you can see that they never suffer for lack of water, but keep them growing rapidly so that you have strong plants in about a month. This for the lower and warmer part of the State, and November is as early as they should head to keep in winter.

**Sweet Potatoes.** Cumberland County: "I noticed that you mentioned some time ago a sweet potato that is more easily kept than others. Have forgotten the name, and would like to know where I can get them." The potato you refer to is the Havanna, also called Southern Queen. It can hardly be considered as a first-class potato, as it is not so sweet as the Yama and not so dry as the Jerseys, but yet of very fair quality after keeping all winter.

Wilmington, Va.: "Will the gentleman from Surry, who had an article in the Agricultural Department in regard to a new Peach Blow Potato, favor me with his address?"

THOMAS R. LOVING.

### PRESIDENT ASSISTS IN CHURCH DEDICATION

Attends First Service of His Adopted Congregation in New Edifice. Washington, May 31.—President Wilson, Mrs. Margaret Wilson and a congregation which taxed the capacity of the new edifice, attended the dedication services in the auditorium of the Central Presbyterian Church, Avenue of the Presidents and Irving Street, Northwest, this morning at 11 o'clock.

Accompanied by his daughter, the President emerged from the White House at 10:50 o'clock, and, waving his hat to the throng of excursionists packed along the drive in the White House grounds, stepped into his automobile and was whirled up the Avenue of the Presidents to the new edifice.

A large crowd was awaiting the coming of the President as early as 10 o'clock. By 11 o'clock the sidewalks near the building were packed. There was no demonstration.

The Rev. James H. Taylor, pastor of the church, preached the dedicatory sermon. He outlined the growth of the church up to the present time.

The congregation has been worshipping in the Sunday school room of the building since the church at Third and E Streets, Northwest, was sold last February.

There was but little change from the regular order observed in the President's church at to-day's exercises. The pastor, Dr. A. W. Pitzer, who organized the church in 1865, and who is now living in Salem, Va., was present and took part in the exercises. Dr. W. H. Bates, who has been Taylor's assistant for more than a year, also participated in the dedication.

The President and Mrs. Wilson remained in the auditorium until the services, and when they emerged from the church they were met by another curious crowd.

The President wore a blue serge coat, light striped flannel trousers, white shoes and a Panama hat.

### WEEKLY COTTON REVIEW

New Orleans, May 31.—It was a week of advances in the cotton market, although profit-taking by satisfied longs and by longs who did not care to carry their cotton over the coming season report on condition, was something of a check toward the end of the week. The best prices were reached on Thursday when the market stood 40 to 41 points over last week's closing. The lowest price was made on Monday when the market was 5 to 17 points under last week's finale.

The net results of the trading of the week were a gain of 25 to 27 points. Drought in portions of the Eastern belt and general belief in a bullish condition report were the main bullish influences. Against the market was the increasing interest, which bears maintained seriously weakened the technical position.

This week the market will receive during the opening session the first condition report of the season, covering the crop down to May 25. Conservative brokers look for around 75 per cent of the normal; most bulls look for rather higher figures, while bearish estimates are around 50.

Probably it will take a report of under 75 to cause much of an advance, and in the Western belt and continued dryness of the plantations would cause renewed buying this week, because of the crop damage that would result. Any change for the better in the crop probably would be the signal for heavy selling for both accounts.

### WEEKLY FINANCIAL REVIEW

New York, May 31.—The stock market pendulum vibrated narrowly last week, thus reflecting the indecision and most total indifference of both speculators and investors. Such indifference as the market had come principally from abroad, where sentiment was more impressed than here with the Mexican peace promise and the passage of the Irish home rule bill without disorder.

The foremost French financial authority holds that the Mexican situation has been largely responsible for the shattering of economic progress and of financial activity in the world at large which measures the financial importance attached in France to the prospect of settlement. The New York gold exports also have helped to clear the atmosphere abroad.

There was some subsidence of crop news here, but the general trade revival in the second half of the year, some lines of manufacture reported all inquiries in hand for that period. The steel trade of the export had concrete evidence of the export delay in the "tap line" cases threatened delay in the rate decision. Steps to increase other lines of financing, export prospects of more encouragement akin to that of New Haven.

Uncertainty as to when the Federal reserve system shall become operative is a restraining influence in all directions. The week also left a degree of suspense regarding the success of the plan of extending both the Missouri Pacific and Boston and Maine notes.

### COMMENCEMENT EXERCISES OF CULPEPER SCHOOL

Professor Smithley, of Harrisonburg Normal, Delivers Address—Many Interesting Features. [Special to The Times-Dispatch.] Culpeper, Va., May 31.—The commencement exercises of the Culpeper school took place on Friday morning on the courthouse green here, as it was thought that the available halls would not contain the spectators or give sufficient room for the many beautiful drills that were given. Among the drills given were the hoop drills, with thirty or more girls dressed in Grecian costumes and carrying garlands of roses. The day drill and the coil drill. In the latter there were seventy-five children, dressed in nurse's costume, and carrying dolls, which they put to sleep with appropriate gestures and motions. The troop of Boy Scouts, present under the command of Frank Brand, also made a fine showing, and elicited prolonged applause. The exercises were opened with prayer by Rev. Thomas Hooper, Jr., and an address was made by Professor Smithley, of the Harrisonburg Normal.

Is. E. Hyatt, of Olive, this connection, shipped last week by way of New York, eight brace of blue foxes from Virginia fox hounds to a hunt club near Paris, France. This is the second shipment of the Hyatt's hounds to cross the water, the first lot having been sent to this same hunt club several years ago.

Dr. E. Lester Jones, for many years a resident of Culpeper County, and the owner of valuable property here, who is now serving as United States Deputy Commissioner, left Washington to-day for a four or five months' trip through Alaska, where he will make a thorough study of the salmon industry in the interests of his department. He will make the trip on the government boat Albatross, with a crew of about forty men, and will also be accompanied by an expert photographer. Sailing from Seattle, some of the points at which he will touch are Juneau, Cordova, Ketchikan and Skagway, and many others in Alaska, where he also has the prospect of some big game shooting. He will cruise also in the Bering Sea, and go as far in northern waters as proves practicable. Dr. Jones will be gone all of the summer and early fall, as he does not now expect to return to his home at Montpelier until the last of October.

Mrs. E. E. Alexander, of Alexandria, and Miss Adella Yowell, of Culpeper, who had been appointed by the Virginia State president of the C. D. C. to reorganize the chapter at Remington, in Fauquier, met there for that purpose on Friday afternoon. A large number of women of Remington, that section met with them, and an enthusiastic meeting was held. The chapter was organized under the name of the "Bowen-Martin" Chapter, in honor of Henry Bowen and two Martin brothers, of Remington, all three of whom had entered the Confederate army at the age of sixteen, and fought bravely through the war. Mrs. Harry Bowen was elected president of the chapter, and the other officers were also elected.

Appropriate Decoration Day exercises were held in the National Cemetery just outside of town yesterday, and many beautiful war-time songs sung. It was truly a mingling of the Blue and the Gray in the audience and in the program, as the Culpeper Minute Men, under Captain Adrian Nalle, attended in a body, and Major H. C. Burrows, commander of the A. P. Hill Camp of Confederate Veterans, was invited to introduce the speakers. Major Burrows was unable to accept, on account of the funeral of a friend being held at the same hour, and his place was taken by Dr. Wilson, of Washington. Rev. L. C. Clark, pastor of the Hamilton Methodist Episcopal Church, of Washington, made the oration, and several other short addresses were made.

**Destroyed by Fire.** Hewlett, Va., May 31.—Yesterday evening lightning set fire to the stable of W. L. Wickham. In addition to a large building, five horses, cattle and colts were burned up and a lot of farm harness destroyed. There was no insurance.

**BACCALAUREATE SERMON BY BISHOP CHESHIRE.** Tarboro, N. C., May 31.—Rev. Joseph Blount Cheshire, Bishop of the Diocese of North Carolina, on Sunday morning delivered the baccalaureate sermon at Grace School, Lawrence. This school was founded by Miss Kate Cheshire, of this place, formerly county superintendent of education, who delivered the commencement address, and the annual concert will be given by the students on Monday night.

### FINANCIAL

RESOLVE to begin saving a portion of your income and deposit it in est. Do not delay; begin now.

Capital, Surplus and Undivided Profits, \$1,700,000.00.

National State and City Bank

### AUCTION SALE—Future Days.

By Pollard & Bagby.

### Trustee's Auction Sale

OF Two Small Jackson Ward Houses, Nos. 1123 and 1125 Boyd Street

In execution of a deed of trust dated June 1, 1909, recorded in clerk's office of Richmond, Chancery Court, D. C. 22-A, page 296, default having been made in a portion of the debt therein secured, and being required so to do by the beneficiaries, I will sell at auction, on the premises, on

WEDNESDAY, JUNE 3, 1914, at 6 o'clock P. M., the above-mentioned small houses. They are splendid tenets, and will probably go at a sacrifice. TERMS: Cash.

H. R. POLLARD, JR., Trustee.

By N. W. Howe & Son, Real Estate Auctioneers.

### River View Lots AT AUCTION

In execution of a decree of the Circuit Court of Henrico County, entered April 23, 1914, in the suit of "Wallford's Trustee vs. Chaffin's Administrator et al.," I will, as substituted trustee and special commissioner, sell at public auction, on the premises, on

THURSDAY, JUNE 11, 1914, at 5:00 o'clock P. M.,

the property above referred to, being Square No. 13, in the plan of River View, bounded by Pennsylvania Avenue, Carter Street, New York Avenue and Maryland Avenue, and also a lot fronting 230 feet on the west line of Georgia Avenue, and running back across the water, the first lot having been sold to this same hunt club several years ago.

This property is sold subject to the restrictions and limitations prescribed in the plan of River View and will be announced on the day of sale. TERMS: One-fourth cash, and the residue in three equal installments at six, twelve and eighteen months, evidenced by promissory notes, carrying interest, the first note to be paid on the day of sale, or a greater portion than one-fourth thereof, at the option of the purchaser.

HILL CARTER, Substituted Trustee and Special Commissioner.

I hereby certify that the bonds required of the substituted trustee and of the special commissioner in the above mentioned suit have been duly given.

S. P. WARDHILL, Clerk.

By J. D. Carmel & Son, Real Estate Auctioneers, No. 4 North Eleventh Street.

### AUCTION SALE OF EXCELLENT BRICK CORNER PROPERTY, No. 900 and 902 EAST LEIGHT STREET.

ON TUESDAY, JUNE 2, 1914, at 6 o'clock P. M.,

on the premises, we will offer for sale the above property. The lot fronts 45 feet 4 inches by 100 feet deep to an alley 10 feet wide. The improvements consist of two well-built three-story brick buildings, in good order, and rented to first-class tenants, at \$300 per annum. This is valuable corner property, and will buy well as an investment, as it is almost impossible to ever find a dwelling for rent in this locality. This property is centrally located and on the corner, with a good frontage and depth, will make a fine site for a school, or any other institution. Don't fail to attend sale, if you want a bargain.

TERMS: Liberal and announced at sale.

### Wood's Seeds

### German Millet

is one of the most satisfactory quick-growing hay crops you can put in. Sow it thickly (one bushel to the acre) on good land and cut it just as it is heading out and it makes one of the largest yielding and best of hay crops.

A good application of our Standard Grain and Grass Fertilizer or Lister's Standard Bone Superphosphate will increase the yield of millet wonderfully.

### Wood's Seed Stores

12 S. Fourteenth Street, Corner Sixth and Marshall Sts., 1707 East Franklin Street.

## Elbert Hubbard

Told us the other night that he was an ad. writer!

And we regard him king of the profession.

We would like mighty well to see an ad. from his pen on the advantages of appointing a strong institution like the VIRGINIA TRUST CO. as Executor and Trustee instead of an individual.

It would be convincing.

## Virginia Trust Co.

"The Safe Executor,"

Richmond, Va. Established 1892.

### Stop Torture

Lice stop hens laying and check the growth of young birds. You can easily get rid of all lice, mites and vermin with

Pratts Powdered Lice Killer

and save money. Also the best insecticide for dogs, cats, plants and flowers. Refuse substitutes; insist on Pratts.

Satisfaction Guaranteed or Money Back

Get Pratts 10 page Poultry Book. Sold on money-back guarantee by Feed, Poultry Supply and Feed Dealers in Richmond and vicinity. 204.

### The Short Hay Crop

necessitates increase of Silos and Silage

to provide plenty of winter feed.

The Implement Co.,

1302 East Main Street,

Call special attention to

The Saginaw Silos

Whirlwind Silo Cutters

Olds Gasoline Engines

and other implements which they offer—the best of their kind and at very reasonable prices.

See or write us as to your needs and let us estimate on them.

## Our Home Company

INCORPORATED 1832.

## Virginia Fire & Marine Insurance Co.

WE INVITE YOUR SCRUTINY AND SOLICIT YOUR PATRONAGE

Assets - - - - - \$1,730,370.00

Do You Realize

that when you deposit in this institution you become a preferred creditor of the largest banking institution in the South Atlantic States? And further that the entire capital, surplus, profits and shareholders' liability, amounting in all to over Five Million Dollars, will have to be wiped out before you can lose a penny? Is this not

PERFECT PROTECTION?

## First National Bank

Ninth and Main.